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1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/489,873

DATE: 10/24/2001

TIME: 14:05:19

Input Set : A:\9142-006-999.txt

Output Set: N:\CRF3\10242001\I489873.raw

5 <110> APPLICANT: Karsenty, Gerard
 7 DUCY, Patricia
 9 Amling, Michael
 13 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CONTROL OF BONE FORMATION VIA
 14 MODULATION OF LEPTIN ACTIVITY
 18 <130> FILE REFERENCE: 9142-006-999
 22 <140> CURRENT APPLICATION NUMBER: 09/489,873
 24 <141> CURRENT FILING DATE: 2000-01-20
 28 <150> PRIOR APPLICATION NUMBER: 60/138,733
 30 <151> PRIOR FILING DATE: 1999-06-11
 34 <160> NUMBER OF SEQ ID NOS: 20
 38 <170> SOFTWARE: PatentIn version 3.0
 42 <210> SEQ ID NO: 1
 44 <211> LENGTH: 17
 46 <212> TYPE: DNA
 48 <213> ORGANISM: Homo sapiens
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 70 <210> SEQ ID NO: 3
 72 <211> LENGTH: 29
 74 <212> TYPE: DNA
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 84 <210> SEQ ID NO: 4
 86 <211> LENGTH: 35
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 100 <211> LENGTH: 35
 102 <212> TYPE: DNA
 104 <213> ORGANISM: Homo sapiens
 108 <400> SEQUENCE: 5
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 112 <210> SEQ ID NO: 6
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 116 <212> TYPE: DNA
 118 <213> ORGANISM: Homo sapiens
 122 <400> SEQUENCE: 6

17

Does Not Comply
Corrected Diskette Needed

Errored
See: Page 2 of 6

Sequence ID NO: 9 24

The nucleotide "u" may not
appear in DNA sequences

29

35

35

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Input Set : A:\9142-006-999.txt
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156 <211> LENGTH: 56
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166 <221> NAME/KEY: misc_feature
168 <223> OTHER INFORMATION: n = a, u, g, or c
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186 <220> FEATURE:
188 <221> NAME/KEY: misc_feature
190 <223> OTHER INFORMATION: n = a, u, g, or c
194 <400> SEQUENCE: 10
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204 <213> ORGANISM: Homo sapiens
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210 <221> NAME/KEY: misc_feature
212 <223> OTHER INFORMATION: n = a, u, g, or c
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224 <212> TYPE: RNA
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232 <221> NAME/KEY: misc_feature
234 <223> OTHER INFORMATION: n = a, u, g, or c
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W--> 239 uauaugacaa agcugnnnnn acagagnagu ccuugugugg uaaagacacg 50

Errored
The nucleotide "u" may only be present in RNA sequences

OK

OK

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Input Set : A:\9142-006-999.txt

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326 <221> NAME/KEY: misc_feature
328 <223> OTHER INFORMATION: n = a, u, g or c
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340 <212> TYPE: DNA
342 <213> ORGANISM: Homo sapiens
346 <400> SEQUENCE: 17
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352 <211> LENGTH: 23
354 <212> TYPE: DNA
356 <213> ORGANISM: Homo sapiens

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Input Set : A:\9142-006-999.txt

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370	<213> ORGANISM: Homo sapiens	
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384	<213> ORGANISM: Homo sapiens	
388	<400> SEQUENCE: 20	
389	agcgatgatg aaccaggta	20

VERIFICATION SUMMARY

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Input Set : A:\9142-006-999.txt

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L:173 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:9
L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:195 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:10
L:195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:217 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:11
L:217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:239 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:12
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:261 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:13
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:285 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:14
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:309 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:15
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:333 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:16
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16